

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Tarczynski et al. Confirmation No.: To be assigned  
Appl. No.: To be assigned  
Filed: August 16, 2001  
For: METHODS AND COMPOSITIONS FOR MODIFYING OIL  
AND PROTEIN CONTENT IN PLANTS

**STATEMENT IN SUPPORT OF FILING A  
SEQUENCE LISTING UNDER 37 CFR § 1.821(f)**

Commissioner for Patents  
Washington, DC 20231

Sir:

I hereby state that the content of the paper and computer readable copies of the Sequence Listing, submitted concurrently herewith in accordance with 37 CFR § 1.821(c) and (e), are the same.

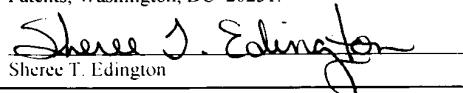
Respectfully submitted,

  
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Attorney for Applicant  
Registration No. 32,943

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Sheree T. Edington

SEQUENCE LISTING

<110> Tarczynski, Mitchell C  
Li, Changjiang

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Content in Plants

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 Glu Ile Arg Thr Gly Phe Leu Lys Asp Gly Lys Pro Ile Lys Leu Thr  
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 Lys Gly Gln Glu Ile Thr Val Thr Asp Tyr Asp Ile Lys Gly Asp  
 110 115 120  
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 Glu Lys Met Ile Ala Met Ser Tyr Lys Lys Leu Pro Val Asp Val Lys  
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 Pro Gly Asn Val Ile Leu Cys Ala Asp Gly Thr Ile Ser Leu Ala Val  
 140 145 150 155  
 ctg tct tgc gat cct gat gct gga act gtg cgt tgt agg tgt gag aac 710

Leu Ser Cys Asp Pro Asp Ala Gly Thr Val Arg Cys Arg Cys Glu Asn			
160	165	170	
act gca atg ctt ggt gag aga aag aac tgc aat ttg cca gga att gtt	758		
Thr Ala Met Leu Gly Glu Arg Lys Asn Cys Asn Leu Pro Gly Ile Val			
175	180	185	
gtg gat ctt cct aca ttg act gag aaa gat aaa gaa gat att ttg ggc	806		
Val Asp Leu Pro Thr Leu Thr Glu Lys Asp Lys Glu Asp Ile Leu Gly			
190	195	200	
tgg ggt gtt cca aat gac att gac atg att gct cta tcc ttt gtc cgt	854		
Trp Gly Val Pro Asn Asp Ile Asp Met Ile Ala Leu Ser Phe Val Arg			
205	210	215	
aaa gga tca gat ttg gtg act gtc aga cag gtt ctt ggg cag cat gcc	902		
Lys Gly Ser Asp Leu Val Thr Val Arg Gln Val Leu Gly Gln His Ala			
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aag cgc att aag ttg atg tca aag gtt gag aac caa gag ggt gtt gta	950		
Lys Arg Ile Lys Leu Met Ser Lys Val Glu Asn Gln Glu Gly Val Val			
240	245	250	
aac ttt gat gag atc ttg agg gag act gat gct ttt atg gtt gct aga	998		
Asn Phe Asp Glu Ile Leu Arg Glu Thr Asp Ala Phe Met Val Ala Arg			
255	260	265	
ggt gat ctg gga atg gag att cca gtc gag aag att ttc ctt gcg cag	1046		
Gly Asp Leu Gly Met Glu Ile Pro Val Glu Lys Ile Phe Leu Ala Gln			
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Lys Met Met Ile Tyr Lys Cys Asn Ile Ala Gly Lys Pro Val Val Thr			
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gct acc cag atg ctc gag tcg atg atc aaa tct cct cgg ccg aca cgt	1142		
Ala Thr Gln Met Leu Glu Ser Met Ile Lys Ser Pro Arg Pro Thr Arg			
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gct gag gcc act gac gtt gca aat gcc gtt ctt gat gga act gac tgt	1190		
Ala Glu Ala Thr Asp Val Ala Asn Ala Val Leu Asp Gly Thr Asp Cys			
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gtc atg ctc agc gga gag agt gcc gct gga gcc tac ccc gag gtg gct	1238		
Val Met Leu Ser Gly Glu Ser Ala Ala Gly Ala Tyr Pro Glu Val Ala			
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gtg aag atc atg gct cgt att tgc atc gag gca gaa tct tcc ctg gac	1286		

Val Lys Ile Met Ala Arg Ile Cys Ile Glu Ala Glu Ser Ser Leu Asp				
350	355	360		
cac gag gca gtt ttc aag gcc atg atc agg tcc gcg cct ctt cca atg				1334
His Glu Ala Val Phe Lys Ala Met Ile Arg Ser Ala Pro Leu Pro Met				
365	370	375		
agc cct ctg gag tcc ctt gca tca tct gct gtg agg act gcc aac aag				1382
Ser Pro Leu Glu Ser Leu Ala Ser Ser Ala Val Arg Thr Ala Asn Lys				
380	385	390	395	
gcc aag gct gca ctg att gtc gtc ctg act cgc ggt ggc acc acg gcc				1430
Ala Lys Ala Ala Leu Ile Val Val Leu Thr Arg Gly Gly Thr Thr Ala				
400	405	410		
aaa ctg gtc gcc aag tac cgc ccc agg gtc ccc atc ctc tcc gtt gtc				1478
Lys Leu Val Ala Lys Tyr Arg Pro Arg Val Pro Ile Leu Ser Val Val				
415	420	425		
gta ccc gtg ctt acg acc gac tct ttc gac tgg acc atc agc tcc gag				1526
Val Pro Val Leu Thr Thr Asp Ser Phe Asp Trp Thr Ile Ser Ser Glu				
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ggc cca gct agg cac agc ctg atc tac aga ggc ctc att ccc ctc ctc				1574
Gly Pro Ala Arg His Ser Leu Ile Tyr Arg Gly Leu Ile Pro Leu Leu				
445	450	455		
gcc gag ggc tcc gcg aag gct acg gat tca gag tcg acg gag gtg atc				1622
Ala Glu Gly Ser Ala Lys Ala Thr Asp Ser Glu Ser Thr Glu Val Ile				
460	465	470	475	
ctt gag gcc gcg ttg aag tcg gcc gtg cag aag cag ctc tgc aag cct				1670
Leu Glu Ala Ala Leu Lys Ser Ala Val Gln Lys Gln Leu Cys Lys Pro				
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ggt gat gcc atc gtg gct ctt cat cgt att ggc gtc gcc tcc gtc atc				1718
Gly Asp Ala Ile Val Ala Leu His Arg Ile Gly Val Ala Ser Val Ile				
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Lys Ile Cys Ile Val Lys				
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Gln Glu Thr Leu Asp Ser Leu Arg Gln Ala Met His Asn Thr Gly Ile  
65 70 75 80  
Leu Cys Ala Val Met Leu Asp Thr Lys Gly Pro Glu Ile Arg Thr Gly  
85 90 95  
Phe Leu Lys Asp Gly Lys Pro Ile Lys Leu Thr Lys Gly Gln Glu Ile  
100 105 110  
Thr Val Thr Thr Asp Tyr Asp Ile Lys Gly Asp Glu Lys Met Ile Ala  
115 120 125  
Met Ser Tyr Lys Lys Leu Pro Val Asp Val Lys Pro Gly Asn Val Ile  
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Asp Ile Asp Met Ile Ala Leu Ser Phe Val Arg Lys Gly Ser Asp Leu  
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Val Thr Val Arg Gln Val Leu Gly Gln His Ala Lys Arg Ile Lys Leu  
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Met Ser Lys Val Glu Asn Gln Glu Gly Val Val Asn Phe Asp Glu Ile  
245 250 255  
Leu Arg Glu Thr Asp Ala Phe Met Val Ala Arg Gly Asp Leu Gly Met  
260 265 270  
Glu Ile Pro Val Glu Lys Ile Phe Leu Ala Gln Lys Met Met Ile Tyr  
275 280 285  
Lys Cys Asn Ile Ala Gly Lys Pro Val Val Thr Ala Thr Gln Met Leu  
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Glu Ser Met Ile Lys Ser Pro Arg Pro Thr Arg Ala Glu Ala Thr Asp  
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325 330 335  
Glu Ser Ala Ala Gly Ala Tyr Pro Glu Val Ala Val Lys Ile Met Ala  
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355 360 365  
Lys Ala Met Ile Arg Ser Ala Pro Leu Pro Met Ser Pro Leu Glu Ser  
370 375 380  
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405 410 415  
Tyr Arg Pro Arg Val Pro Ile Leu Ser Val Val Val Pro Val Leu Thr  
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435

440

445

Ser Leu Ile Tyr Arg Gly Leu Ile Pro Leu Leu Ala Glu Gly Ser Ala  
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Lys Ala Thr Asp Ser Glu Ser Thr Glu Val Ile Leu Glu Ala Ala Leu  
465 470 475 480

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Lys